

ISO-K™

1-0-4

ISO K™ 1-0-4 is designed to optimize potassium levels and increase nutrient uptake for enhanced yields and quality.

ISO K™ 1-0-4 can be blended with primary fertility programs.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	1%
1% Water Soluble Nitrogen	
Soluble Potash (K ₂ O)	4%

Derived from: Guayule Extract, Soy Protein Hydrolysate and Sulfate of Potash

Directions: For Commercial Application Only. See crop specific directions below, or contact a representative of Beem Biologics for additional information on use directions (520-464-9070) or info@beembionics.com

Hazard Classification: This product is not classified as a hazardous chemical under OSHA Hazard Communication Standard (29 CFR 1910.1200 (HCS))

Precautionary Statements: Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe spray. Wear protective gloves, clothing, and eye protection. If swallowed, rinse mouth. Do not induce vomiting. Dispose of contents/container according to regulations.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

Net Contents and Net Weight:

___ 1 gallon (3.78 liters); 9.35 lbs. (4.25 kgs); ___ 2.5 gallons (9.46 liters); 23.37 lbs. (10.6 kgs); ___ 275 Gallon Tote (1,041 liters); 2,571 lbs. (1,166 kgs)

Density: 9.35 lbs./gallon at 68°F

Storage and Disposal: Do not contaminate water, food or feed by storage, disposal, or cleaning of equipment. Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Dispose of unused product and empty containers in accordance with federal, state, and local regulations.

Notice: *Neither the manufacturer or the seller makes any warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all responsibility for safety and use not in accordance with directions.*



Manufactured by: Beem Biologics, Inc. 38768 W. Farrell Road, Maricopa, AZ 85138 | Info@beembionics.com | 520-464-9070

CROP SPECIFIC DIRECTONS for the application of ISO K™ 1-0-4

ALFALFA: Apply 8-16 oz. per acre following each cutting and prior to irrigations. Apply 4 – 8 oz. per acre following planting of seedling alfalfa as a broadcast, foliar or sprinkler irrigation application.

CORN AND SORGHUM: Apply 2-4 oz. per acre In-Furrow followed by Applying 6 oz. per acre 2nd – 3rd Node. For single application, apply 8 oz. at 2nd - 3rd Node. Late season apply 8 - 16 oz. at tassel thru fertigation or foliar. Total application should not exceed 26 oz. per acre per crop cycle.

CEREAL GRAINS, such as Barley, Buckwheat, Canola, Hops, Millet, Oats, Popcorn, Rice, Rye, Sesame, Wheat, and Wild Rice: Apply 4 – 8 ozs. per acre as a fertigation or foliar application at tillering (3-6 leaf stage). Apply 12 – 16 ozs. per acre at flagleaf stage. Total applications should not exceed 24 ozs. per acre per crop cycle.

CITRUS, such as Citrus Hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange (sour and sweet), Pomelo, and Tangerine: Apply 8 – 16 ozs. per acre as fertigation or foliar application at pre-bloom or between full bloom and petal fall. Repeat application during early sizing 2 weeks after petal fall. FOR YOUNG TREES: Apply 8 ozs. per acre each in spring and fall for growth.

COTTON: IRRIGATED COTTON. Apply 8 - 16 ozs. per acre as a fertigation or side dress, or 8 oz. per acre as foliar application, at pinhead square and a second 8 – 16 oz. application 14 - 21 days later. not to exceed 32 ozs. per acre. DRYLAND COTTON: Apply 2 - 4 ozs. per acre In-Furrow OR apply 8 ozs. per acre at pinhead square and a second 8 – 16 oz application 14 - 21 days later.

COLE CROPS, such as Broccoli, Broccoli Raab, Brussels Sprouts, Cabbage (Chinese), Cauliflowers, Cavalo Bracolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens: Apply 4 oz per acre as a fertigation or foliar application 2-3 days after transplanting or at 2-3 true leaf stage followed by a second 4 – 6 oz. application 10-14 days later. For heading crops such as Broccoli, Cauliflowers, and Brussel Sprouts, apply 4 - 8 ozs. at pre-bloom and repeat 8 oz. application during early head sizing period.

CUCURBIT VEGETABLES such as Cantaloupe, Chayote, Chinese Waxgourd, Citron Melon, Cucumbers, Gherkin, Edible Gourds, Muskmelon, Pumpkin, Summer Squash, Watermelon, and Winter Squash: Apply 4 oz per acre as a fertigation or foliar application when plants are 3-5 leaf stage or 3-4 days after transplanting. Apply 6 -12 ozs. per acre at early bloom. Repeat 8 – 16 oz. per acre 14 - 21 days later for last application. Do Not exceed 32 ozs. per acre over crop cycle.

FRUITING VEGETABLES such as Eggplant, Groundberry, Pepino, Peppers (such as Bell, Chile, Pimento and Sweet Peppers), Tomatillo and Tomatoes: Apply 4 oz per acre as a fertigation or foliar application when plants are 4-6 leaf stage or 3-4 days after transplanting. Apply 8 - 12 oz per acre at first flower and again 14 - 21 days later. Do not exceed 28 ozs. per acre over the season.

GRAPES, such as Dried, Raisin, Seedless, and Seeded Table Grapes and Wine: Wine Grapes: Apply 16 oz per acre via drip or foliar application at early bloom and 16 oz. per acre post-bloom, or single application of 32 oz. per acre once during full bloom. Table Grapes: Apply via drip 16 ozs. per care same as Wine Grapes. DO NOT FOLIAR APPLY ON TABLE GRAPES until bloom is fully past.

HOPS: All varieties, apply 12 ozs. per acre early growth stage via drip irrigation, followed 16 ozs. per acre medium-to-late growth stage. Apply 16 ozs. foliar at early lateral development.

LEAFY VEGETABLES such as Amaranth, Arugula, Asparagus, Cardoon, Celery, Celtuce, Chervil, Chrysanthemum, Corn Salad, Cress (garden and upland), Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio, Rhubarb, Spinach, and Swiss Chard: Apply 4-6 ozs. per acre by fertigation or foliar application when plants are at least 3-5 leaves or post transplanting by 3-4 days. Apply 8-10 ozs. per acre as a second application 10-14 days later. NOTE: Applications more than 1 pint per acre can cause a delay to harvest.

POME FRUIT such as Apple, Crabapple, Loquat, Mayhew, Pear (including Oriental), Quince and TROPICAL TREE FRUITS such as Avocado, Cherimoya, Coffee, Guava, Lychee, Mango, and Papaya: Apply 8-16 ozs. per acre by fertigation or foliar application. Apply foliar with early sizing sprays post bloom. Use at bloom for Crabapple pollinators. Repeat 8-16 oz Foliar application prior to summer fruit drop or following a cold snap, hail or excessive rains Do not exceed a total of 32 ozs. per acre over the crop cycle.

POTATOES, ROOT AND TUBER VEGETABLES such as Arracha, Arrowroot, Artichoke, Canna (edible), Cassava, Chayote (root), Garlic, Ginger, Onion, Potato, Sweet Potato, Tanier, Yam Bean, Yam Root Vegetables such as Beet (garden & sugar), Burdock (edible), Carrot, Celeriac, Chervil, Chicory, Ginseng, Horseradish, Parsnip, Rutabaga, Salsify, Skirret, and Turnip: Apply 4 oz per acre by fertigation. In-Furrow: Apply 12 oz at Hilling by fertigation or foliar (early leaf stages). Apply 16 ozs. per acre following flowering (row closure). Do not exceed 32 ozs. per acre per season.

SOFT FRUIT: Blueberry, Caneberry such as Raspberry (Red & Black), etc. Apply via drip irrigation or foliar at 8-16 oz per acre starting at pre-bloom followed 2-3 weeks after second application (typically petal fall to early sizing). Depending on varieties a third application at least two weeks after second application or no later than 2 weeks pre-harvest. Do not exceed 48 ozs. per acre per season.

STRAWBERRIES: Apply 2 - 4 oz. per acre through fertigation every 7-14 days starting 1-week after transplanting. When flower buds begin, apply 2 - 4 ozs. by foliar or drip application every 7-14 days.

STONE FRUIT such as Apricot, Cherry (sweet & tart), Nectarine, Peach, Plum, Plumcot, Prune (dry and fresh types): Apply 8-16 ozs. per acre by fertigation or foliar method at early pink or red bud stage, followed at petal fall with 8-16 ozs. per acre, and a final application 2-3 weeks later. Do not exceed 48 ozs. per acre on mature trees and 8 ozs. per acre each application for young trees.

SOYBEANS, SUCCULENT & DRIED BEANS AND PEAS: Apply 2-4 ozs. per acre In-Furrow, followed by 4-8 ozs. per acre application 3-5 Trifoliates stage and 8-16 ozs. per acre at reproductive Stages R1-R3. Do not exceed 28 ozs. per acre. Best application for many bean crops is 8 ozs. at early stages followed with a second application if indeterminate type bean crop.

TREE NUTS, ALMOND AND PISTACHIO, such as Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory Nut, Macadamia Nut, Pecan, Walnut (Black and English), and Pistachio: Apply 8 – 16 ozs. per acre by fertigation or foliar method at early bloom period, followed by a second foliar application of 8-16 ozs. per acre post petal fall. Additional applications of 8–16 ozs. per acre may be made every 30 days following bloom, for a maximum of 4 soil applications not to exceed total 16 ozs. Apply a maximum of 48 ozs. per acre per season on Nut Crop.